

Resource Summary Report

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CytoML

RRID:SCR_027485

Type: Tool

Proper Citation

CytoML (RRID:SCR_027485)

Resource Information

URL: <https://github.com/RGLab/CytoML>

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Description: Software R package that enables cross-platform import, export, and sharing of gated cytometry data. It currently supports Cytobank, FlowJo, Diva, and R, allowing users to import gated cytometry data from commercial platforms into R.

Resource Type: software resource, software toolkit, source code

Defining Citation: [PMID:30551257](#)

Keywords: Cross-platform cytometry data sharing, cross-platform import, export, sharing, gated cytometry data, import gated cytometry data,

Funding: Bill and Melinda Gates Foundation ;
NIAID UM1 AI068635;
NIGMS R01 GM118417

Availability: Free, Available for download, Freely available

Resource Name: CytoML

Resource ID: SCR_027485

Alternate URLs: <https://www.bioconductor.org/packages/release/bioc/html/CytoML.html>

License: AGPL v3

Record Creation Time: 20250930T070826+0000

Record Last Update: 20260821T194350+0000

Ratings and Alerts

No rating or validation information has been found for CytoML.

No alerts have been found for CytoML.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Kim AH, et al. (2025) NEMO recruitment at single cytokine-receptor complexes shows quantized dynamics independent of ligand affinity. Cell reports, 44(12), 116637.

Lattanzio MV, et al. (2025) Single-molecule imaging of transcription dynamics, RNA localization and fate in human T cells. The EMBO journal, 44(22), 6732.

Eder M, et al. (2025) Functional maps of a genomic locus reveal confinement of an enhancer by its target gene. Science (New York, N.Y.), 389(6766), eads6552.

Cohen GS, et al. (2023) Transplantation elicits a clonally diverse CD8+ T cell response that is comprised of potent CD43+ effectors. Cell reports, 42(8), 112993.

Shilts J, et al. (2021) No evidence for basigin/CD147 as a direct SARS-CoV-2 spike binding receptor. Scientific reports, 11(1), 413.

Hunter-Schlichting D, et al. (2020) Validation of a hybrid approach to standardize immunophenotyping analysis in large population studies: The Health and Retirement Study. Scientific reports, 10(1), 8759.